

ABSTRACT

~~A circuit includes an operation unit adapted to perform a circuit operation in a plurality of rounds. The operation unit may operate properly under a predetermined range of operating conditions. The operation unit is adapted to select between receiving an input signal and a test signal and to perform a test round of the circuit operation when the test signal is selected.~~

The circuit is adapted to compare a reference value with a result of the test round, the reference value identifying a correct value for the result of the test round when the operation unit is operating under the predetermined range of operating conditions. The operation unit is further adapted to receive a disable signal to disable the operation unit from performing the circuit operation when the result of the test round does not match the reference value.